 <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)</p>	Docket Number: AM-00105.P.1.1-US	Patent Number: 09/915,914
	Applicant: Divita et al.	
	Filing Date: July 26, 2001	Group Art Unit: To be determined


U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>MW</i>	P1	5,270,163	12/14/93	Gold et al.	435	6	
<i>MW</i>	P2	5,747,253	05/05/98	Ecker et al.	435	6	

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation	
							YES	NO
<i>MW</i>	F1	WO 00/18778	04/06/00	US	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
EXAMINER INITIALS		CITATION
<i>MW</i>	D1	Arar et al. (1995), "Synthesis and Antiviral Activity of Peptide-Oligonucleotide Conjugates Prepared by Using N-(Bromoacetyl) Peptides," Bioconjug. Chem., 6, 573-5772
<i>MW</i>	D2	Beven et al. (1997), "Effects on Mollicutes (Wall-less Bacteria) of Synthetic Peptides Comprising a Signal Peptide or a Membrane Fusion Peptide, and a Nuclear Localization Sequence (NLS) - A Comparison with Melittin," Biochim. Biophys. Acta, 1329, 357-369









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MW	D3	Bongartz et al. (1994), "Improved Biological Activity of Antisense Oligonucleotides Conjugated to a Fusogenic Peptide," Nucleic Acids Res., 22, 4681-4688
MW	D4	Briggs and Gierasch (1986), "Molecular Mechanisms of Protein Secretion: The Role of the Signal Sequence," Adv. Prot. Chem. 38, 109-180
MW	D5	Brugidou et al. (1995), "The <i>Retro-Inverso</i> Form of a Homeobox-Derived Short Peptide is Rapidly Internalised by Cultured Neurones: A New Basis for an Efficient Intracellular Delivery System," Biochem. Biophys. Res. Commun., 214, 685-693
MW	D6	Chaloin et al. (1998), "Design of Carrier Peptide-Oligonucleotide Conjugates with Rapid Membrane Translocation and Nuclear Localization Properties," Biochem. Biophys. Res. Commun., 243, 601-608
MW	D7	Chaloin et al. (1997), "Synthetic Peptides as Carriers for Cellular Import of Drugs," Lett. Pept. Sci., 4, 231-234
MW	D8	Chaloin et al. (1997), "Conformations of Primary Amphipathic Carrier Peptides in Membrane Mimicking Environments," Biochemistry, 36, 11179-11187
MW	D9	Chaloin et al. (1998), "Ionic Channels Formed by a Primary Amphipathic Peptide Containing a Signal Peptide and a Nuclear Localization Sequence," Biochim Biophys. Acta, 1375, 52-60
MW	D10	Chen et al. (1999), "Selective Killing of Transformed Cells by Cyclin/Cyclin-Dependent Kinase 2 Antagonists," Proc. Natl. Acad. Sci. USA, 96:4325-4329
MW	D11	Degols et al. (1989), "Antiviral Activity and Possible Mechanisms of Action of Oligonucleotides-poly (L-lysine) Conjugates Targeted to Vesicular Stomatitis Virus mRNA and Genomic RNA," Nucleic Acids Res., 17: 9341-9350
MW	D12	Derossi et al., (1996), "Cell Internalization of the Third Helix of the Antennapedia Homeodomain is Receptor-Independent," J. Biol. Chem., 271, 18188-18193
MW	D13	Dingwall, C. and Laskey, R. (1992), "The Nuclear Membrane," Science, 258, 942-947
MW	D14	Felgner et al., (1987), "Lipofection: A Highly Efficient, Lipid-Mediated DNA-Transfection Procedure," Proc. Natl. Acad. Sci. USA, 84, 7413-7417
MW	D15	Freed et al. (1990), "Characterization of the Fusion Domain of the Human Immunodeficiency Virus Type 1 Envelope Glycoprotein gp41," Proc. Natl. Acad. Sci. USA, 87, 4650-4654
MW	D16	Gallaher, W.R. (1987), "Detection of a Fusion Peptide Sequence in the Transmembrane Protein of Human Immunodeficiency Virus," Cell, 50, 327-328
MW	D17	Goldfarb et al., (1986), "Synthetic Peptides as Nuclear Localization Signals," Nature (London), 322, 641-644
MW	D18	Gottschalk et al. (1996), "A Novel DNA-peptide Complex for Efficient Gene Transfer and Expression in Mammalian Cells," Gene Ther., 3, 448-457

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<i>MPW</i>	D19	Haensler and Szoka (1993), "Polyamidoamine Cascade Polymers Mediate Efficient Transfection of Cells in Culture," Bioconjugate Chem., 4, 372-379
<i>MPW</i>	D20	Harris, J.D. and Lemoine, N.R. (1996), "Strategies for Targeted Gene Therapy," Trends Genet., 12, 400-405
<i>MPW</i>	D21	Kalderon et al., (1984), "Sequence Requirements for Nuclear Location of Simian Virus 40 Large-T Antigen," Nature (London), 311, 33-38
<i>MPW</i>	D22	Lewis et al. (1996), "A Serum-Resistant Cytofectin for Cellular Delivery of Antisense Oligodeoxynucleotides and Plasmid DNA," Proc. Natl Acad. Sci. USA, 93, 3176-3181
<i>MPW</i>	D23	Méry et al. (1993), "Disulfide Linkage to Polyacrylic Resin for Automated Fmoc Peptide Synthesis," Int. J. Peptide Prot. Res., 42, 44-52
<i>MPW</i>	D24	Morris et al. (1997), "A New Peptide Vector for Efficient Delivery of Oligonucleotides into Mammalian Cells," Nucleic Acids Res., 25, 2730-2736
<i>MPW</i>	D25	Morris et al. (1999), "A Novel Potent Strategy for Gene Delivery Using a Single Peptide Vector as a Carrier," Nucleic Acids Res., 27, 3510-3517
<i>MPW</i>	D26	Morris et al. (1999), "A New Potent HIV-1 Reverse Transcriptase Inhibitor," J. Biol. Chem., 274, 24941-24946
<i>MPW</i>	D27	Morris et al. (2000), "Translocating Peptides and Proteins and Their Use for Gene Delivery," Curr. Opinion in Biotech., 11, 461-466
<i>MPW</i>	D28	Morris et al. (2000), "An Essential Phosphorylation-site Domain of Human cdc25C Interacts with Both 14-3-3 and Cyclins," J. Biol. Chem., 275:28849-28857
<i>MPW</i>	D29	Morris et al. (2001), "A Peptide Carrier for the Delivery of Biologically Active Proteins Into Mammalian Cells," Nature Biotech. 19, 1173-1176
<i>MPW</i>	D30	Niidome et al. (1997), "Binding of Cationic α -Helical Peptides to Plasmid DNA and Their Gene Transfer Abilities Into Cells," J. Biol. Chem., 272, 15307-15312
<i>MPW</i>	D31	Pasqualini and Ruoslahti (1996), "Organ Targeting <i>In Vivo</i> Using Phage Display Peptide Libraries," Nature 380:364-366 (1999)
<i>MPW</i>	D32	Phelan et al. (1998), "Intercellular Delivery of Functional p53 by the Herpesvirus Protein VP22," Nat. Biotechnol., 16:440-443
<i>MPW</i>	D33	Prabhakaran, "The Distribution of Physical, Chemical, and Conformational Properties in Signal and Nascent Peptides," Biochem. J. (1990) 269:691-696
<i>MPW</i>	D34	Pichon et al. (1997), "Intracellular Routing and Inhibitory Activity of Oligonucleopeptides Containing a KDEL Motif," Mol. Pharmacol., 51, 431-438
<i>MPW</i>	D35	Plank et al. (1994), "The Influence of Endosome-Disruptive Peptides on Gene Transfer Using Synthetic Virus-like Gene Transfer Systems," J. Biol. Chem., 269, 12918-12924

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	D36	Sheldon et al. (1995), "Loligomers: Design of <i>de novo</i> Peptide-based Intracellular Vehicles," Proc. Natl. Acad. Sci. USA, 92, 2056-2060
	D37	Van Mau et al. (1999), "Lipid-Induced Organization of a Primary Amphipathic Peptide: A Coupled AFM-Monolayer Study," J. Membrane Biol., 167, 241-249
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	D41	Vives et al. (1997), "A Truncated HIV-1 Tat Protein Basic Domain Rapidly Translocates through the Plasma Membrane and Accumulates in the Cell Nucleus," J. Biol. Chem., 272, 16010-16017
	D42	Wagner et al. (1992), "Influenza Virus Hemagglutinin HA-2 N-Terminal Fusogenic Peptides Augment Gene Transfer by Transferrin-polylysine-DNA Complexes: Toward a Synthetic Virus-like Gene-Transfer Vehicle," Proc. Natl. Acad. Sci. USA, 89, 7934-7938
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